

ABSTRACT OF THE DISCLOSURE

The present invention provides a ballistic testing recovery apparatus and method for allowing post impact analysis of pyrophoric projectile debris wherein the apparatus comprises a containment chamber having an interior volume filled with a solvent-soluble granulated material. The containment chamber is formed with an aperture in a side wall for receiving a launched projectile therethrough. The projectile impacts a target plate disposed in the containment box and projectile debris is thereafter ejected into the surrounding solvent-soluble granulated material. The solvent-soluble granulated material operates to capture and quench the projectile debris before devitrification and/or crystallization erodes the “as-ejected” characteristics of the pyrophoric projectile debris.